

SEQUENCE LISTING

<110> Li, Xianqiang

<120> METHOD FOR IDENTIFYING MULTIPLE ACTIVATED TRANSCRIPTION FACTORS

<130> 26757-709

<160> 60

<170> PatentIn version 3.1

<210> 1

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> PPO1 Cis-Element

<400> 1
cgcttgatga ctcagccgga a
21

<210> 2

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> PP02 Cis-Element

<400> 2
ttccggctga gtcacaaagc g
21

<210> 3

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> PP03 Cis-Element

<400> 3

gatcgaactg accgcccgcg gcccg
26

<210> 4
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> PP04 Cis-Element

<400> 4
acgggccgcg ggcggtcagt tcgatc
26

<210> 5
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> PP05 Cis-Element

<400> 5
gtctggtaca ggtgttctt ttt
23

<210> 6
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> PP06 Cis-Element

<400> 6
aaaaagaaca ccctgtacca gac
23

<210> 7
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> PPO7 Cis-Element

<400> 7
cacagctcat taacgcgc
18

<210> 8
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> PP08 Cis-Element

<400> 8
gcgcgttaat gagctgtg
18

<210> 9
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> PP09 Cis-Element

<400> 9
tgcagattgc gcaatctgca
20

<210> 10
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> PP10 Cis-Element

<400> 10
tgcagattgc gcaatctgca
20

<210> 11

<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> PP11 Cis-Element

<400> 11
agaccgtacg tgattgggta atctctt
27

<210> 12
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> PP12 Cis-Element

<400> 12
aagagattaa ccaatcacgt acggtct
27

<210> 13
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> PP13 Cis-Element

<400> 13
acccaatgat tattagccaa tttctga
27

<210> 14
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> PP14 Cis-Element

<400> 14
tcagaaattg gctaataatc attgggt

10057810.012402

27

<210> 15
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> PP15 Cis-Element

<400> 15
tacaggcata acggttccgt agtga
25

<210> 16
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> PP16 Cis-Element

<400> 16
tcactacgga accggttatgc ctgta
25

<210> 17
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> PP17 Cis-Element

<400> 17
agagattgcc tgacgtcaga gagctag
27

<210> 18
<211> 27
<212> DNA
<213> Artificial Sequence

<220>

<223> PP18 Cis-Element

<400> 18

ctagctctct gacgtcaggc aatctct
27

<210> 19

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> PP19 Cis-Element

<400> 19

atttaagttt cgcgcccttt ctcaa
25

<210> 20

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> PP20 Cis-Element

<400> 20

ttgagaaagg gcgcgaaact taaat
25

<210> 21

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> PP21 Cis-Element

<400> 21

ggatccagcg ggggcgagcg ggggccca
27

<210> 22

<211> 27

<212> DNA
<213> Artificial Sequence

<220>
<223> PP22 Cis-Element

<400> 22
tggccccgcg tcgccccgcg tggatcc
27

<210> 23
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> PP23 Cis-Element

<400> 23
gtccaaagtc aggtcacagt gacctgatca aagtt
35

<210> 24
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> PP24 Cis-Element

<400> 24
aactttgatc aggtcactgt gacctgactt tggac
35

<210> 25
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> PP25 Cis-Element

<400> 25
ggaggagggc tgcttgagga agtataagaa t
31

<210> 26
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> PP26 Cis-Element

<400> 26
attcttatac ttcctcaagc agccctcctc c
31

<210> 27
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> PP27 Cis-Element

<400> 27
gatctcgagc aggaagtctg a
21

<210> 28
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> PP28 Cis-Element

<400> 28
tcgaacttcc tgctcgagat c
21

<210> 29
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> PP29 Cis-Element

<400> 29
cggattgtgt attggctgta c
21

<210> 30
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> PP30 Cis-Element

<400> 30
gtacagccaa tacacaatcc g
21

<210> 31
<211> 100
<212> DNA
<213> Artificial Sequence

<220>
<223> PP01 Reporter Sequence

<400> 31
gtcgtttttac aacgtcgtga ctgggaaaac cctggcggtta cccaacttaa tcgccttgca
60
gcacatcccc ctttcgccag ctggcgtaat agcgaagagg
100

<210> 32
<211> 100
<212> DNA
<213> Artificial Sequence

<220>
<223> PP02 Reporter Sequence

<400> 32
cccgcaccga tcgcccttcc caacagttgc gcagcctgaa tggcgaatgg cgctttgcct
60
ggtttccggc accagaagcg gtgccggaaa gctggctgga

100

<210> 33
 <211> 100
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PP03 Reporter Sequence

<400> 33
 gtgcgatctt cctgaggccg atactgtcgt cgtccctca aactggcaga tgcacggta
 60

cgatgcgccc atctacacca acgtaaccta tcccattacg
 100

<210> 34
 <211> 100
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PP04 Reporter Sequence

<400> 34
 gtcaatccgc cgtttggtcc cacggagaat ccgacgggtt gttactcgct cacatttaat
 60

gttgatgaaa gctggctaca ggaaggccag acgcgaatta
 100

<210> 35
 <211> 100
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PP05 Reporter Sequence

<400> 35
 tttttgatgg cgtaaactcg gcgtttcatc tgtggtgcaa cgggcgctgg gtcggttacg
 60

gccaggacag tcgtttgccg tctgaatttg acctgagcgc

100

<210> 36
 <211> 100
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PP06 Reporter Sequence

<400> 36
 atttttacgc gccggagaaa accgcctcgc ggtgatggtg ctgcgttgga gtgacggcag
 60

ttatctggaa gatcaggata tgtggcggat gagcggcatt
 100

<210> 37
 <211> 100
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PP07 Reporter Sequence

<400> 37
 ttccgtgacg tctcgttgct gcataaaccg actacacaaa tcagcgattt ccatgttgcc
 60

actcgcttta atgatgattt cagccgcgct gtactggagg
 100

<210> 38
 <211> 100
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PP08 Reporter Sequence

<400> 38
 ctgaagttca gatgtgcggc gagttgcgtg actacctacg ggtaacagtt tctttatggc
 60

agggtgaaac gcaggtcgcc agcggcaccc cgcctttcgg

100

<210> 39
 <211> 100
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PP09 Reporter Sequence

<400> 39
 cggtgaaatt atcgatgagc gtggtggtta tgccgatcgc gtcacactac gtctgaacgt
 60

cgaaaacccg aaactgtgga gcgccgaaat cccgaatctc
 100

<210> 40
 <211> 100
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PP10 Reporter Sequence

<400> 40
 tatcgtgcgg tggttgaact gcacaccgcc gacggcacgc tgattgaagc agaagcctgc
 60

gatgtcgggt tccgcgaggt gcggattgaa aatgggtctgc
 100

<210> 41
 <211> 100
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PP11 Reporter Sequence

<400> 41
 tgctgctgaa cggcaagccg ttgctgattc gaggcgtaa ccgtcacgag catcatcctc
 60

tgcattggtca ggtcatggat gagcagacga tgggtgcagga

100

<210> 42
<211> 100
<212> DNA
<213> Artificial Sequence

<220>
<223> PP12 Reporter Sequence

<400> 42
tattctgtctg atgaagcaga acaactttaa cgccgtgcgc tgttcgcatt atccgaacca
60

tccgctgtgg tacacgctgt gcgaccgcta cggcctgtat
100

<210> 43
<211> 100
<212> DNA
<213> Artificial Sequence

<220>
<223> PP13 Reporter Sequence

<400> 43
gtggtggatg aagccaatat tgaaaccac gccatggtgc caatgaatcg tctgaccgat
60

gatccgcgct ggctaccggc gatgagcgaa cgcgtaacgc
100

<210> 44
<211> 100
<212> DNA
<213> Artificial Sequence

<220>
<223> PP14 Reporter Sequence

<400> 44
gaatggtgca gcgcgatcgt aatcacccga gtgtgatcat ctggtcgctg gggaaatgaat
60

caggccacgg cgctaatacac gacgcgctgt atcgctggat

100

<210> 45
 <211> 100
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PP15 Reporter Sequence

<400> 45
 caaatctgtc gatccttccc gcccggtgca gtatgaaggc ggcggagccg acaccacggc
 60

caccgatatt atttggccga tgtacgcgcg cgtggatgaa
 100

<210> 46
 <211> 100
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PP16 Reporter Sequence

<400> 46
 gaccagccct tcccggctgt gccgaaatgg tccatcaaaa aatggctttc gctacctgga
 60

gagacgcgcc cgctgaccc ttgcgaatac gccacgcga
 100

<210> 47
 <211> 100
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PP17 Reporter Sequence

<400> 47
 tgggtaacag tcttggcggt ttcgctaaat actggcaggc gtttcgtcag tatccccgtt
 60

tacagggcgg cttcgtctgg gactgggtgg atcagtcgct

100

<210> 48
 <211> 100
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PP18 Reporter Sequence

<400> 48
 gattaaatat gatgaaaacg gcaacccgtg gtcggcttac ggcggtgatt ttggcgatac
 60

gccgaacgat cgccagttct gtatgaacgg tctggtcttt
 100

<210> 49
 <211> 100
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PP19 Reporter Sequence

<400> 49
 gccgaccgca cgccgcatcc agcgctgacg gaagcaaaac accagcagca gtttttccag
 60

ttccgtttat ccgggcaaac catcgaagtg accagcgaat
 100

<210> 50
 <211> 100
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PP20 Reporter Sequence

<400> 50
 acctgttccg tcatagcgat aacgagctcc tgcactggat ggtggcgctg gatggtaagc
 60

cgctggcaag cggtgaagtg cctctggatg tcgctccaca

100

<210> 51
 <211> 100
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PP21 Reporter Sequence

<400> 51
 aggtaaacag ttgattgaac tgctgaact accgcagccg gagagcgccg ggcaactctg
 60

gctcacagta cgcgtagtgc aaccgaacgc gaccgcatgg
 100

<210> 52
 <211> 100
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PP22 Reporter Sequence

<400> 52
 tcagaagccg ggcacatcag cgcctggcag cagtggcgctc tggcggaaaa cctcagtgtg
 60

acgctccccg ccgctcccca cgccatcccc catctgacca
 100

<210> 53
 <211> 100
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PP23 Reporter Sequence

<400> 53
 ccagcgaaat ggatttttgc atcgagctgg gtaataagcg ttggcaattt aaccgccagt
 60

caggctttct ttcacagatg tggattggcg ataaaaaaca

100

<210> 54
<211> 100
<212> DNA
<213> Artificial Sequence

<220>
<223> PP24 Reporter Sequence

<400> 54
actgctgacg ccgctgcgcg atcagttcac ccgtgcaccg ctggataacg acattggcgt
60

aagtgaagcg acccgcatcg accctaacgc ctgggtcgaa
100

<210> 55
<211> 100
<212> DNA
<213> Artificial Sequence

<220>
<223> PP25 Reporter Sequence

<400> 55
cgctggaagg cggcgggcca ttaccaggcc gaagcagcgt tggtgcagtg cacggcagat
60

acacttgctg atgcggtgct gattacgacc gctcacgcgt
100

<210> 56
<211> 100
<212> DNA
<213> Artificial Sequence

<220>
<223> PP26 Reporter Sequence

<400> 56
ggcagcatca ggggaaaacc ttatttatca gccggaaaac ctaccggatt gatggtagtg
60

gtcaaattggc gattaccggt gatgttgaag tggcgagcga

100

<210> 57
<211> 100
<212> DNA
<213> Artificial Sequence

<220>
<223> PP27 Reporter Sequence

<400> 57
tacaccgcat ccggcgcgga ttggcctgaa ctgccagctg gcgcaggtag cagagcgggt
60

aaactggctc ggattagggc cgcaagaaaa ctatcccgac
100

<210> 58
<211> 100
<212> DNA
<213> Artificial Sequence

<220>
<223> PP28 Reporter Sequence

<400> 58
cgccttactg ccgcctgttt tgaccgctgg gatctgccat tgtcagacat gtatacccg
60

tacgtcttcc cgagcgaaaa cggtctgcgc tgcgggacgc
100

<210> 59
<211> 100
<212> DNA
<213> Artificial Sequence

<220>
<223> PP29 Reporter Sequence

<400> 59
gcgaattgaa ttatggccca caccagtggc gcggcgactt ccagttcaac atcagccgct
60

acagtcaaca gcaactgatg gaaaccagcc atcgccatct

100

<210> 60

<211> 100

<212> DNA

<213> Artificial Sequence

<220>

<223> PP30 Reporter Sequence

<400> 60

gctgcacgcg gaagaaggca catggctgaa tatcgacggt ttccatatgg ggattggtgg
60

cgacgactcc tggagcccgt cagtatcggc ggaattacag
100

11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100